

PROJECT DESCRIPTION

I. GENERAL

This project involves the modification of the existing traffic control signal at the intersection of MD 210 (Indian Head Hwy.) and Old Fort Rd. - South in Prince George's County, Maryland. MD 210 is considered to run in a north/south direction.

II. INTERSECTION OPERATION

The intersection will continue to operate in a NEMA six (6) phase, full-traffic-actuated mode. There is an exclusive left turn phase for both the north and southbound movements of MD 210. The MD 210 through movements operate concurrently. The Old Fort Rd. through movements operate in a side street split phase mode with an actuated pedestrian movement across the south leg of the intersection.

The existing cabinet, controller, and phasing shall be utilized.

The east leg of the intersection is being restriped to accommodate a double left turn on to MD 210. The existing roadway is being used. No widening is being done at this time.

EQUIPMENT LIST

A. S.H.A. furnished equipment material.

None.

B. Equipment to be furnished and/or installed by the Contractor.

All equipment in this list shall have catalog cuts submitted for approval prior to installation.

Quantity	Units	Specification Section	Description
Lump Sum	LS	108	Mobilization.
Lump Sum	LS	104	Maintenance of traffic.
30	LF	810	5-conductor electrical cable (No. 14 A.W.G.).
450	LF	810	7-conductor electrical cable (No. 14 A.W.G.).
1	EA	814	30 in. x 36 in. R 3-5 (L) sign with span wire mounting hardware.
50	LF	549	5 in. wide pavement marking - white (paint).
1	EA	---	Redign video detector camera.
Lump Sum	LS	---	As-built for S.H.A. (on CADD).

C. SHA forces shall remove the controller and all auxiliary equipment from the controller cabinet.

The cabinet and all other materials to be removed by the contractor shall become the property of the contractor.

None.

CONTACT LIST

The contact persons for District #3 are as follows:

Mr. Majib Shakib
Assistant District Engineer - Traffic
301-513-7358

Mr. Augie Rebish
Assistant District Engineer - Utility
301-513-7350

Mr. Wayne Mowdy
Assistant District Engineer - Maintenance
301-513-7304

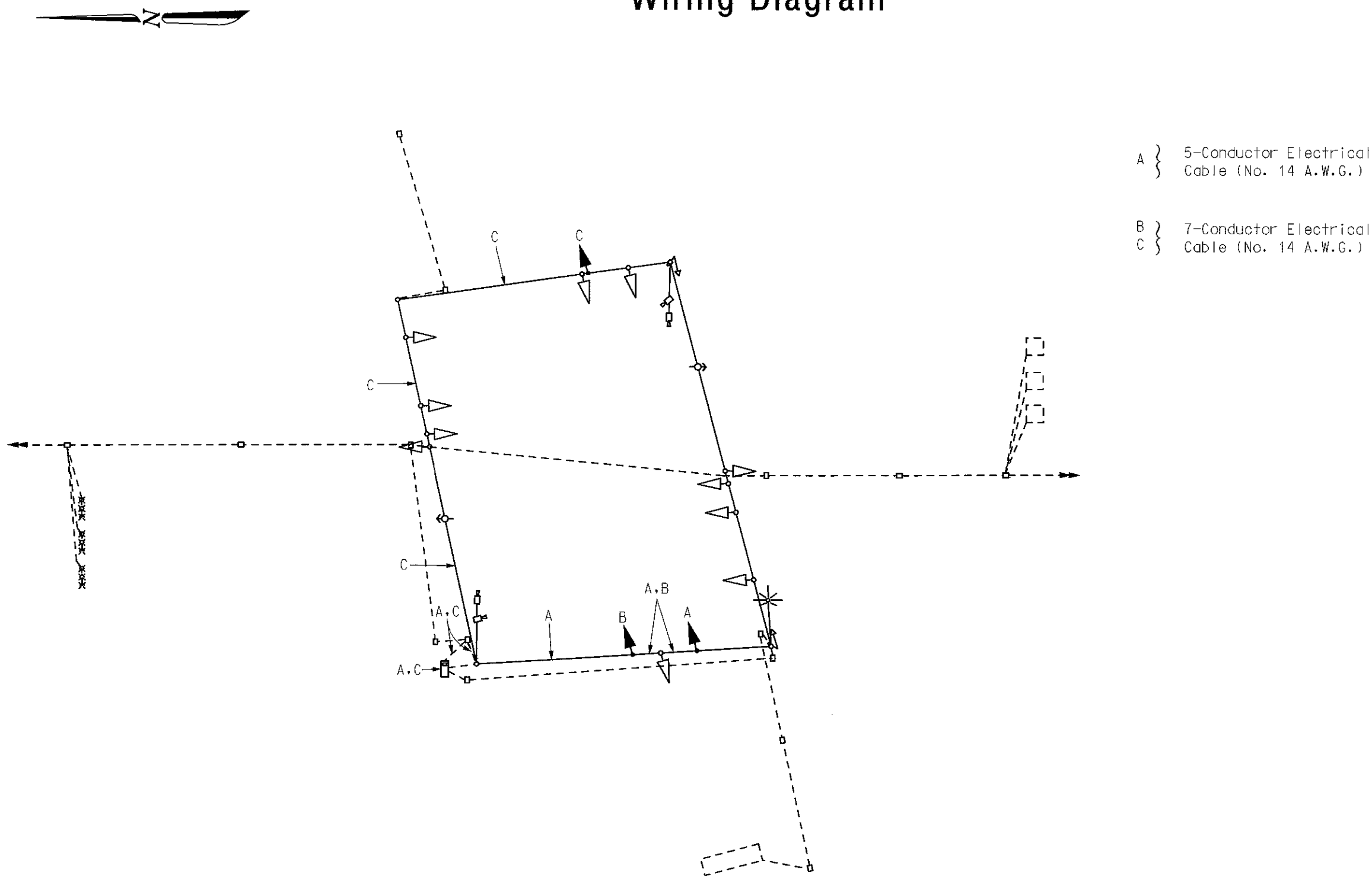
Mr. Richard L. Daff
Chief, Traffic Operations Division
410-787-7630

PEPCO
Richard Chilcoat
Customer Representative
Telephone: 1-301-967-5805
Address: 8300 Old Marlboro Pike
Upper Marlboro, MD 20772

Phase Chart

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15,16	
Phase 1 & 5	←G→	←G→	R	R	←G→	←G→	R	R	R	R	R	R	R	R	R	DW
1 & 5 Change to Phase 1 & 6 or Phase 2 & 5 or Phase 2 & 6	←G→	←G→	G	G	←R→	←R→	R	R	R	R	R	R	R	R	R	DW
Phase 1 & 6	←G→	←G→	G	G	←R→	←R→	R	R	R	R	R	R	R	R	R	DW
1 Change	←Y→	←Y→	G	G	←R→	←R→	R	R	R	R	R	R	R	R	R	DW
Phase 2 & 5	←R→	←R→	R	R	←G→	←G→	G	G	R	R	R	R	R	R	R	DW
5 Change	←R→	←R→	R	R	←Y→	←Y→	G	G	R	R	R	R	R	R	R	DW
Phase 2 & 6	←R→	←R→	G	G	←R→	←R→	G	G	R	R	R	R	R	R	R	DW
2 & 6 Change	←R→	←R→	Y	Y	←R→	←R→	Y	Y	R	R	R	R	R	R	R	DW
Phase 3	←R→	←R→	R	R	←R→	←R→	R	R	←G→	←G→	G	R	R	R	R	DW
3 Change	←R→	←R→	R	R	←R→	←R→	R	R	Y	Y	Y	R	R	R	R	DW
Phase Alt 3	←R→	←R→	R	R	←R→	←R→	R	R	←G→	←G→	G	R	R	R	R	WK
Ped Clearance	←R→	←R→	R	R	←R→	←R→	R	R	←G→	←G→	G	R	R	R	R	FL/DW
Alt 3 Change	←R→	←R→	R	R	←R→	←R→	R	R	Y	Y	Y	R	R	R	R	DW
Phase 4	←R→	←R→	R	R	←R→	←R→	R	R	R	R	R	←G→	←G→	G	DW	
4 Change	←R→	←R→	R	R	←R→	←R→	R	R	R	R	R	Y	Y	Y	Y	DW
Flashing Operation	FL/←R→	FL/←R→	FL/Y	FL/Y	FL/←R→	FL/←R→	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK

Wiring Diagram



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

(General Information Plan)

MD 210 (Indian Head Hwy.) at Old Fort Road - South

DRAWN BY: J. Storck	F.A.P. NO. N/A	TS NO. 1175F-GI	SHEET NO. 2 OF 2
CHECKED BY:	S.H.A. NO. BW996M82	T.I.M.S. NO. G158	
SCALE: N/A	COUNTY: Prince George's		
DATE: April 22, 2004	LOG MILE: 16021006.81		

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